TLC MID TERM EXAMINATIONS 2021
SIMEON

LEARNER'S NAME : ……

CLASS: ……

MATHEMATICS PAPER 1 **1 hour 30 minutes**

Additional Materials: **Protractor** required.

READ THESE INSTRUCTIONS FIRST

1. Candidates to answer **ALL** questions on the Question Paper. Show **working** where needed.
2. Write in **DARK BLUE** or **BLACK** pen. Draw graph/diagram in pencil.
3. Do not use **correction fluid /tape.**
4. Take note of the number of marks given in brackets **[ ]** at the end of each question.
5. Dictionaries, calculators and electronic devices are **NOT ALLOWED**.
6. An **answer booklet (lined paper)** is provided for this question paper. If you need additional answer paper, ask the invigilator for extra lined paper.
7. Total marks for the paper is 5**0.**

DO NOT turn exam paper over until instructed to do so

This document contains of **8** printed pages

SECTION A

Answer **ALL** questions in the lines provided in the booklet. **[Total Marks 50]**

1. Draw a ring around **all** the multiples of 8.

128 168 201 312 886

……..... [3]

2.

g	kg	ml	*l*

Choose the most suitable unit for each measurement.

(a) The capacity of an oil barrel is about 160 _____.

(b) The mass of a water bottle is about 0.62 _____.

(c) The volume of soda in a can is about 325 _____.

(d) The mass of a melon is about 2500 _____.

[4]

3. Write the missing numbers.

(a) 58 + ☐ = 100

(b) 580 + ☐ = 1000

……..... [2]

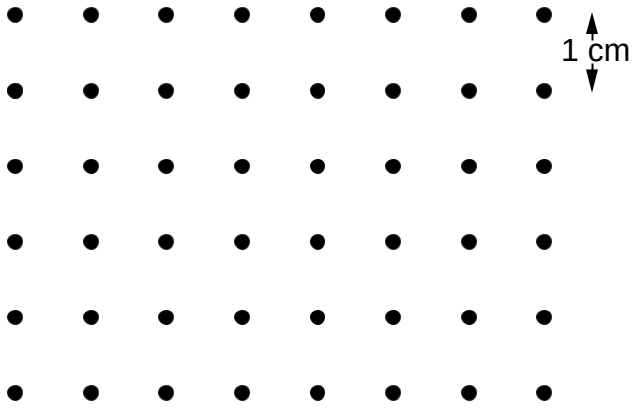
4. (a) 3.76 × 10 = ☐ ……[1]

(b) 76.3 ÷ 10 = ☐ ……[1]

5. Shade $\frac{3}{5}$ of the diagram given.

…… [2]

6.(a) Draw a rectangle 5 cm long and 2 cm wide by joining dots on the grid.



…… [2]

(b) Find the perimeter of the rectangle. Show working.

…… [2]

(c) Find the area of the rectangle. Show working.

…… [2]

7. Write these fractions in order starting with the **largest**.

$\frac{7}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$

....

largest smallest [4]

8. Abdul records the shoe colour of every person in his class. They are:

Blue	Black	Brown	Brown	Black	Brown	White	Black	Blue
White	Black	Black	Blue	Brown	Black	Blue	Blue	Black

(a) Complete the table to show the data.

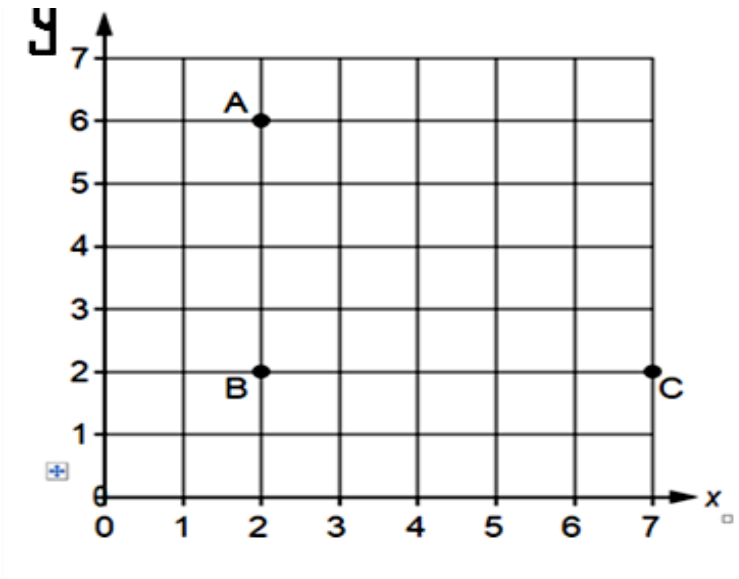
Shoe colour	Tally	Frequency
Black	𝍸 II	7
Blue	𝍸	
Brown		
White		

…….....[5]

(b) Which shoe colour is the mode?

……..... [1]

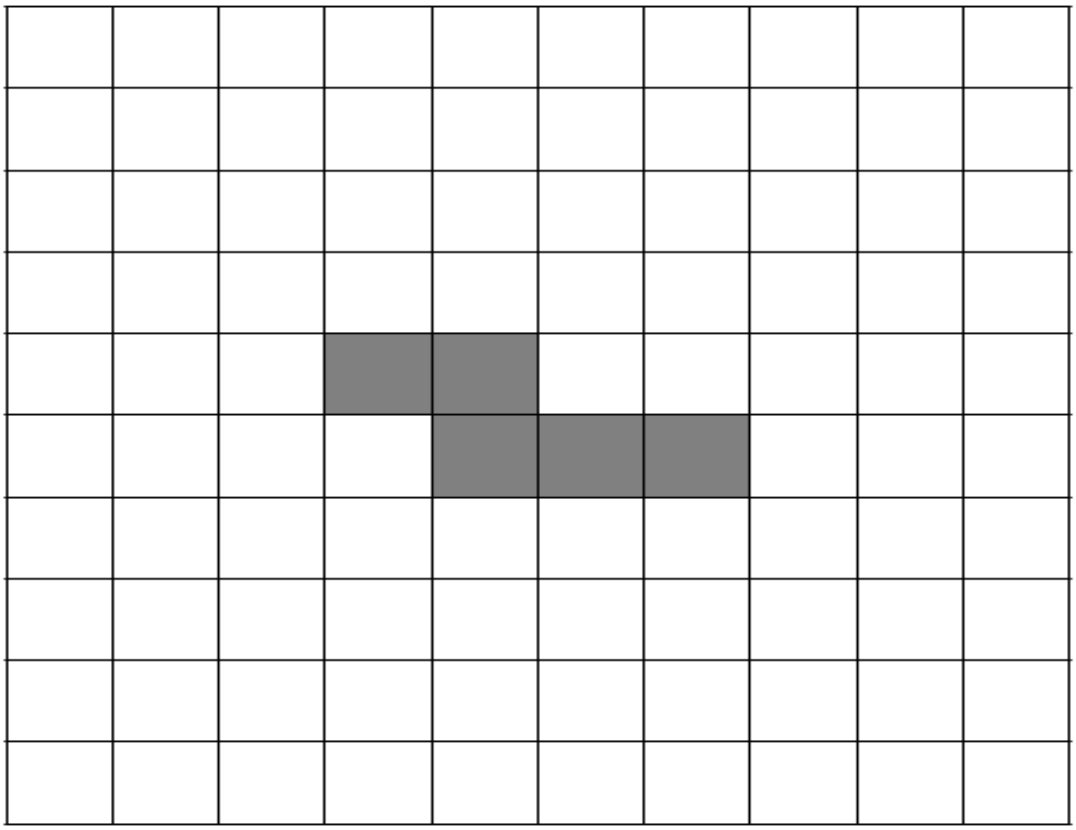
9. A, B and C are three vertices of a rectangle.



What are the co-ordinates of the fourth vertex? Mark it on the diagram.

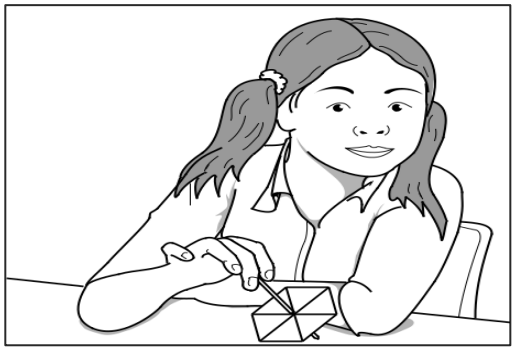
(……., ……..) [2]

10. This shape is translated 3 squares up and 2 squares to the right
Draw the shape in its new position.

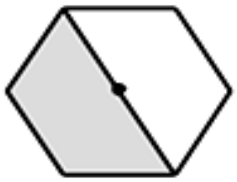


……..... [2]

11. Mia has some spinners.

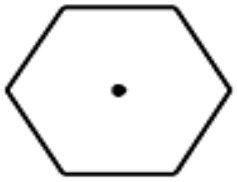


Draw a line to show the probability of each spinner landing on the shaded part.
One has been done for you.



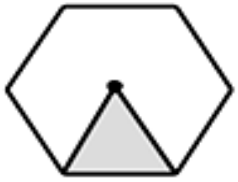
impossible

unlikely



even chance

likely



certain

[4]

12. A builder has 3000 bricks. He uses 1800 bricks to build a wall.

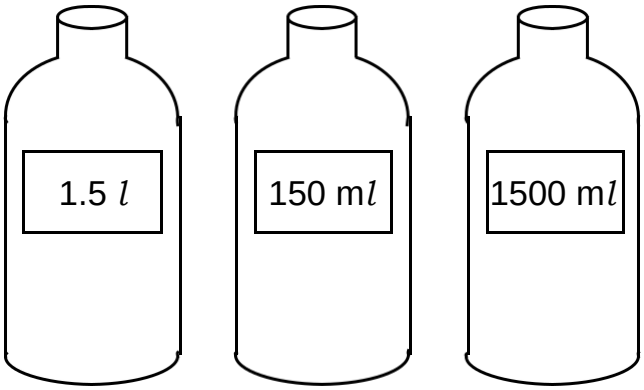
What is the percentage of bricks left unused?

……..... [3]

13. Here are three bottles.

Two bottles contain the same amount of liquid.

Put a cross (✕) on the bottle that contains a different amount.



[1]

14. Work out the calculation to decimal given below. Show your working.

a) 358 ÷ 1000 = ……..... [1]

b) 12 ÷ 100 = ……..... [1]

c) 91 ÷ 1000 = ……..... [1]

d) 47.5 ÷ 10 = ……..... [1]

e) 1.96 ÷ 100 = ……..... [1]

15. Use a protractor to draw the following angles.

a) 115°

……..... [2]

b) 162°

……..... [2]

THIS IS THE END OF THE QUESTION PAPER